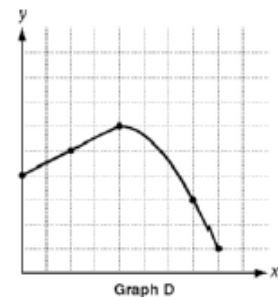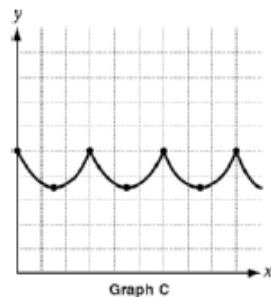**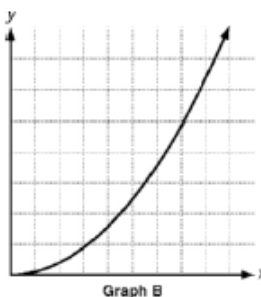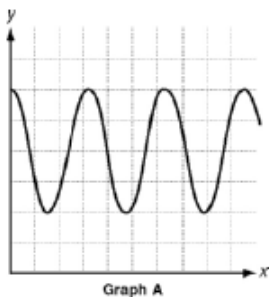Match each situation to its corresponding graph. Sketch a possible graph of the situation if it does not match any of the given graphs.**

Graph A   Graph B   Graph C   Graph D

1. A pendulum swings back and forth.   _____

2. A new subdivision is built near an elementary school and
   families with children begin moving in.   _____

3. Joan throws a paper airplane into the air.   _____

4. Sandy is riding the roller coaster at the amusement park.   _____

Solve.

5. The table shows the balance, b, in dollars in a savings account at the end of each month. Create a graph and an equation to represent the balance after m months.

m	1	2	3	4	5	6
b	38	46	54	62	70	78

_____
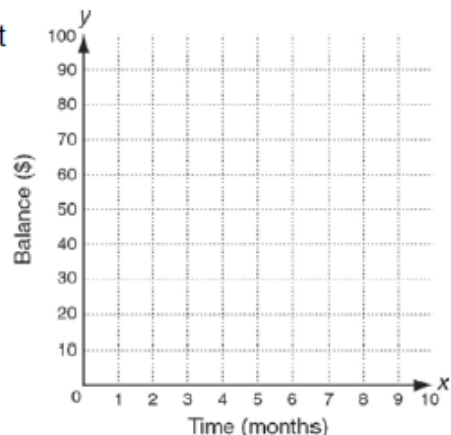
6. A fireworks projectile is launched at 20 meters per second from a 60-meter bridge. The table shows the distance, d, in meters the projectile is above the river after t seconds. Create a graph and an equation to determine how long after the launch the projectile reaches the ground.

t	0	1	2	3	4	5
d	60	75	80	75	60	35

_____

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